PATRIOT RADAR LOCATION AND ALIGNMENT DATA

For use of this form, see FM 3-01.87; the proponent agency is TRADOC.

LONGITUDE ⟶ ☐☐☐ ☐☐ ☐☐☐☐ ☐

LATITUDE ⟶ ☐☐☐ ☐☐ ☐☐☐☐ ☐

z	z	h	e	e	e	e	e	e	n	n	n	n	n	n

UTM ⟶ ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐
AND

METERS ALTITUDE ⟶ ☐☐☐

EL RDR TO MIR ⟶ ☐☐☐☐.☐
  Elevation of Mirrors
  from radar M2.

BRNG RDR TO NREF ⟶ ☐☐☐☐.☐
  Bearing of Radar M2
  sighted on NREF M2.

EL RDR TO NREF TOP* ⟶ ☐☐☐☐.☐
  Elevation of Range Pole
  Top from Radar M2.

EL RDR TO BOT* ⟶ ☐☐☐☐.☐
  Elevation of Range Pole
  Bottom from Radar M2.

BRNG NREF TO RDR ⟶ ☐☐☐☐.☐
  Bearing of Radar M2
  from NREF M2.

ROLL ⟶ ☐☐☐☐.☐

CROSSROLL ⟶ ☐☐☐☐.☐

AZIMUTH RING READING ⟶ ☐☐☐

DATE _____

TIME _____

PTL _____

STL#1 _____

STL#2 _____

ALIGNMENT
STOW _____

AZ MARK _____

CREW CHIEF
CERTIFICATION

UTM WORLD MODEL   0 = International   3 = 1856 Clark
                    1 = 1880 Clark   4 = Everest   ⟶ ☐
                    2 = 1866 Clark   5 = Bessel

LOCATION DATA CONFIDENCE LEVEL: ⟶ ☐
  0 = Survey,   1 = Modified Survey,   2 = Map

ALIGNED BY: ⟶ ☐
  0 = Survey,   1 = Compass

WIND SPEED: ⟶ ☐
  0 = Below Gale,   1 = Gale + Above

INITIAL SEARCH LOWER BOUND DATA ENTRY

POINT 1	POINT 2	POINT 3	POINT 4	POINT 5	
( )	( )	( )	( )	( )	= MILS BEARING
( )	( )	( )	( )	( )	= MILS EL± 200

* = Elevation measurements required only for unsurveyed site.

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